

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.:

10/693,700

Confirmation No.: unknown

Filing Date:

October 24, 2003

Inventors:

Vinegar et al.

Title:

VARIABLE FREQUENCY

TEMPERATURE LIMITED

HEATERS

Examiner:

unknown

Art Unit:

unknown

Atty. Dkt. No.:

5659-21000

412612

CERTIFICATE OF MAILING UNDER 37 C.F.R, §1.8

DATE OF DEPOSIT:

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Commissioner for Part

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 (references T02-T54) be considered by the Examiner and made of record. Copies of the listed documents are enclosed for the convenience of the Examiner.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5659-21000/EBM.

Respectfully submitted

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Form PTO-1449 (modified)
List of Patents and Publications
ligant's Information ATTY. DKT. NO. 5659-21000 SERIAL NO. 10/693,700 MOEMADIA TO THE TOTAL OF THE TO APR 2 8 2004 ART UNIT: Disclosure Statement (Use several sheets if necessary) FILING DATE: October 24, 2003 OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) T02 Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages). Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages). T03 T04 Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages). Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, T05 U.S. Government Printing Office, 1972, (pages 1-15). T06 Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23). Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical T07 & Petroleum Engineers, 1967 (pages 75-90).. Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the T08 Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20). De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 T09 T10 Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72). Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, T11 1967, Volume 6, (pages 52-59). T12 Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-T13 SSAB report, "A Brief Description of the Ljungstrom Method for Shale Oil Production," 1950, (12 pages). T14 Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages) T15 "Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 SSAB report, "Kvarn Torp" 1958, (36 pages). T16 T17 SSAB report, "Kvarn Torp" 1951 (35 pages). SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages). T18 Vogel et al. "An Analog Computer for Studying Heat Transfrer during a Thermal Recovery Process," AIME T19 Petroleum Transactions, 1955 (pages 205-212). 'SKIFEROLJA GENOM UPPVARMNING AV SKIFFERBERGET," Faxin Department och Namder, 1941, (3 T20 'Aggregleringens orsaker och ransoneringen grunder", Av director E.F.Cederlund I Statens livesmedelskommmission T21 (lpage). Ronnby, E. "KVARNTORP-Sveriges Storsta skifferoljeindustri," 1943, (9 pages) T22 SAAB report, "The Swedish Shale Oil Industry," 1948 (8 pages). T23 Gejrot et al., "The Shale Oil Industry in Sweden," Carlo Colombo Publishers-Rome, Proceedings of the Fourth T24 World Petroleum Congress, 1955 (8 pages). Hedback, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," XIth Sectional Meeting T25 World Power Conference, 1957 (9 pages) SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1, (141 T26 pages) English T27 SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955

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Vol. 2, (146 pages) English.

DATE CONSIDERED:

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ATTY. DKT. NO. 5659-21000 Form PTO-1449 (modified) SERIAL NO. 10/693,700 APR 2 8 2004 List of Patents and Publications ART UNIT: For Applicant's Information INVENTORS: Vinegar et al. Disclosure Statement (Use several sheets if necessary) FILING DATE: October 24, 2003 "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Memorandum re: tests", T28 1955 Vol. 3, (256 pages) English. Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil T29 Recovery", 1959 (38 pages) English. Helander et al., Santa Cruz, California, Field Test of Fluidized Bed Burners for the Lins Method of Oil Recovery" T30 1959, (86 pages) English. SSAB report, "Bradford Residual Oil, Athabasa Ft. McMurray" 1951, (207 pages), partial translation. T31 T32 "Lins Burner Test Results-English" 1959-1960 T33 SSAB "Annual Reports, SSAB Laboratory, Address Annually Issues-Shale and Ash, Oil, Gas, Waste Water, Analytical", 1953-1954, (166 pages). Swedish SSAB report, "Financial Matter, Swedish taxes, etc.," 1960-1961 (37 pages). Swedish T34 T35 SSAB report, "Cost For Mining," 1959-1979 (13 pages). Swedish SSAB report, "Cost Comparison of Mining and Processing of Shale and Dolomite Using Various Production T36 Alternatives", 1960, (64 pages). Swedish SSAB report, "Assessment of Future Mining Alternatives of Shale and Dolomite," 1962, (59 pages) Swedish. T37 T38 SSAB report. "Kartong 2 Shale: Ljungstromsanlaggningen" (104 pages) Swedish. T39 SAAB, "Photos", (18 pages). T40 SAAB report, "Swedish Geological Survey Report, Plan to Delineate Oil shale Resource in Narkes Area (near Kvarntorp)," 1941 (13 pages). Swedish. SAAB report, "Recovery Efficiency," 1941, (61 pages). Swedish. T41 T42 SAAB report, "Geologic Work Conducted to Assess Possibility of Expanding Shale Mining Area in Kvarntorp; Drilling Results, Seismic Results," 1942 (79 pages). Swedish. T43 SSAB report, "Ojematinigar vid Norrtorp," 1945 (141 pages). SSAB report, "Inhopplingschema, Norrtorp II 20/3-17/8", 1945 (50 pages). Swedish. T44 T45 SSAB report, "Secondary Recovery after LINS," 1945 (78 pages) T46 SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish. T47 SSAB report, "Styrehseprotoholl," 1943 (10 pages). Swedish. T48 SSAB report, "Early Shale Retorting Trials" 1951-1952, (134 pages). Swedish. T49 SSAB report, "Analysis of Lujunstrom Oil and its Use as Liquid Fuel," Thesis by E. Pals, 1949 (83 pages). Swedish. T50 SSAB report, "Environmental Sulphur and Effect on Vegetation," 1951 (50 pages). Swedish. T51 SSAB report, "Tar Sands", Vol.135 1953 (20 pages, pages 12-15 translated). Swedish. T52 SSAB report, "Assessment of Skanes Area (Southern Sweden) Shales as Fuel Source," 1954 (54 pages). Swedish. T53 SSAB report, "From as Utre Dn Text Geology Reserves," 1960 (93 pages). Swedish. T54 SSAB report, "Kvarntorps-Environmental Area Asessment," 1981 (50 pages). Swedish.

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